



Cubism - Braque's Bottle and Fishes, Paris c.1910-12

## Updates from Bern



ArgonCube Fortnightly  
Feb 4<sup>th</sup> 2021  
James Sinclair, LHEP<sub>1</sub>

# 2x2 updates

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Design updates:

Open modules, bucket → sleeve

Continuous frame at top flange.

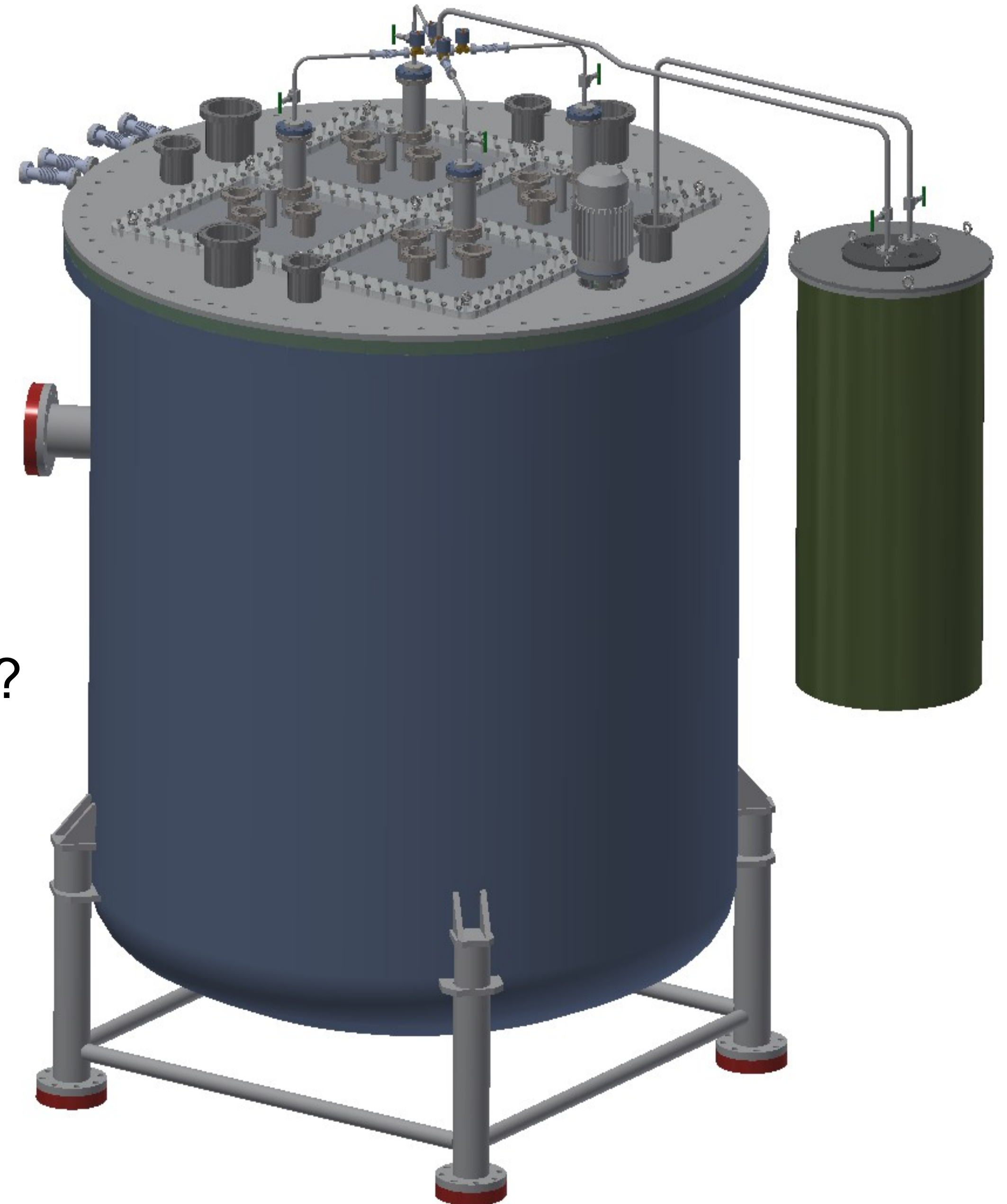
Single LAr pump needed

Open questions:

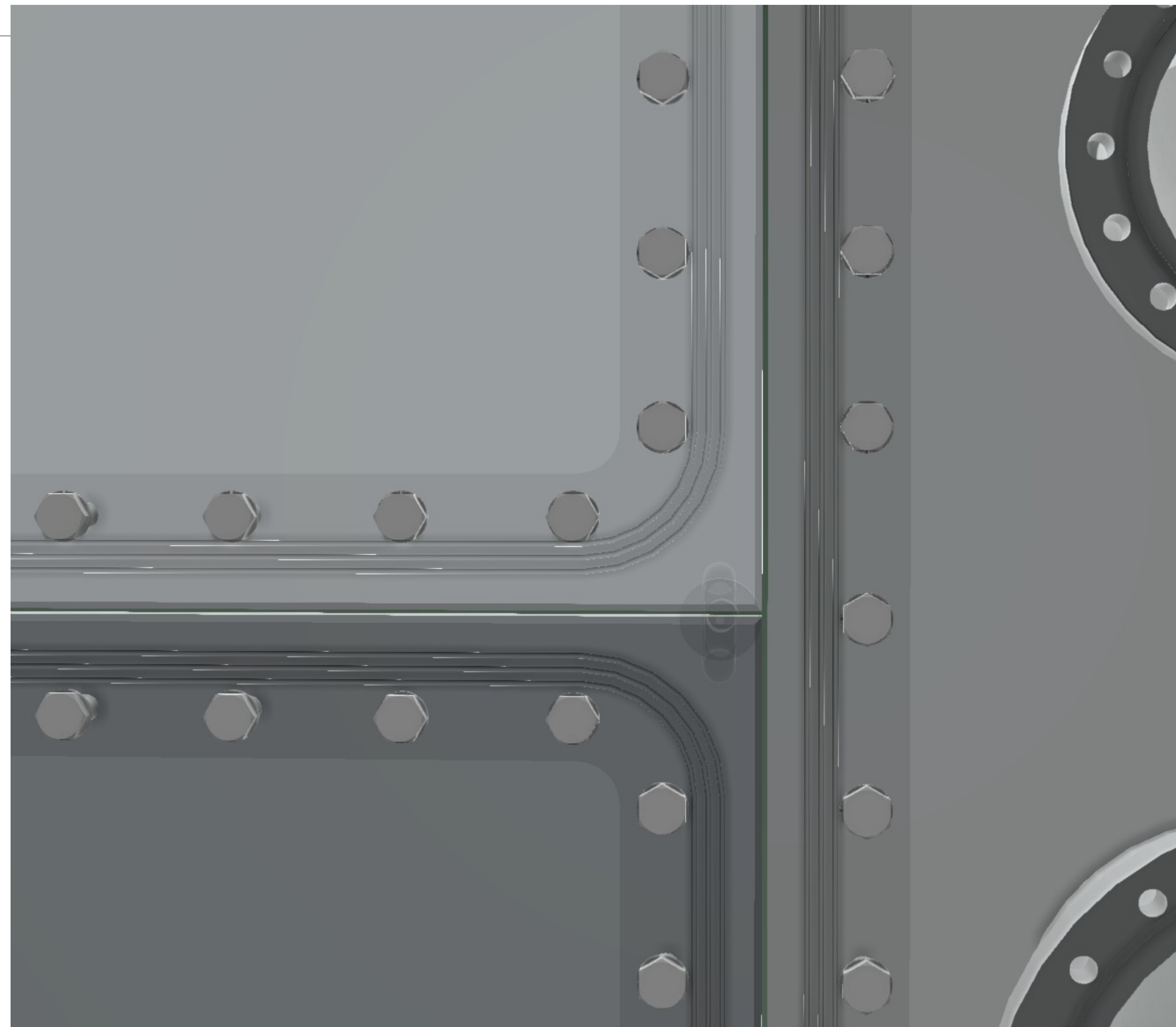
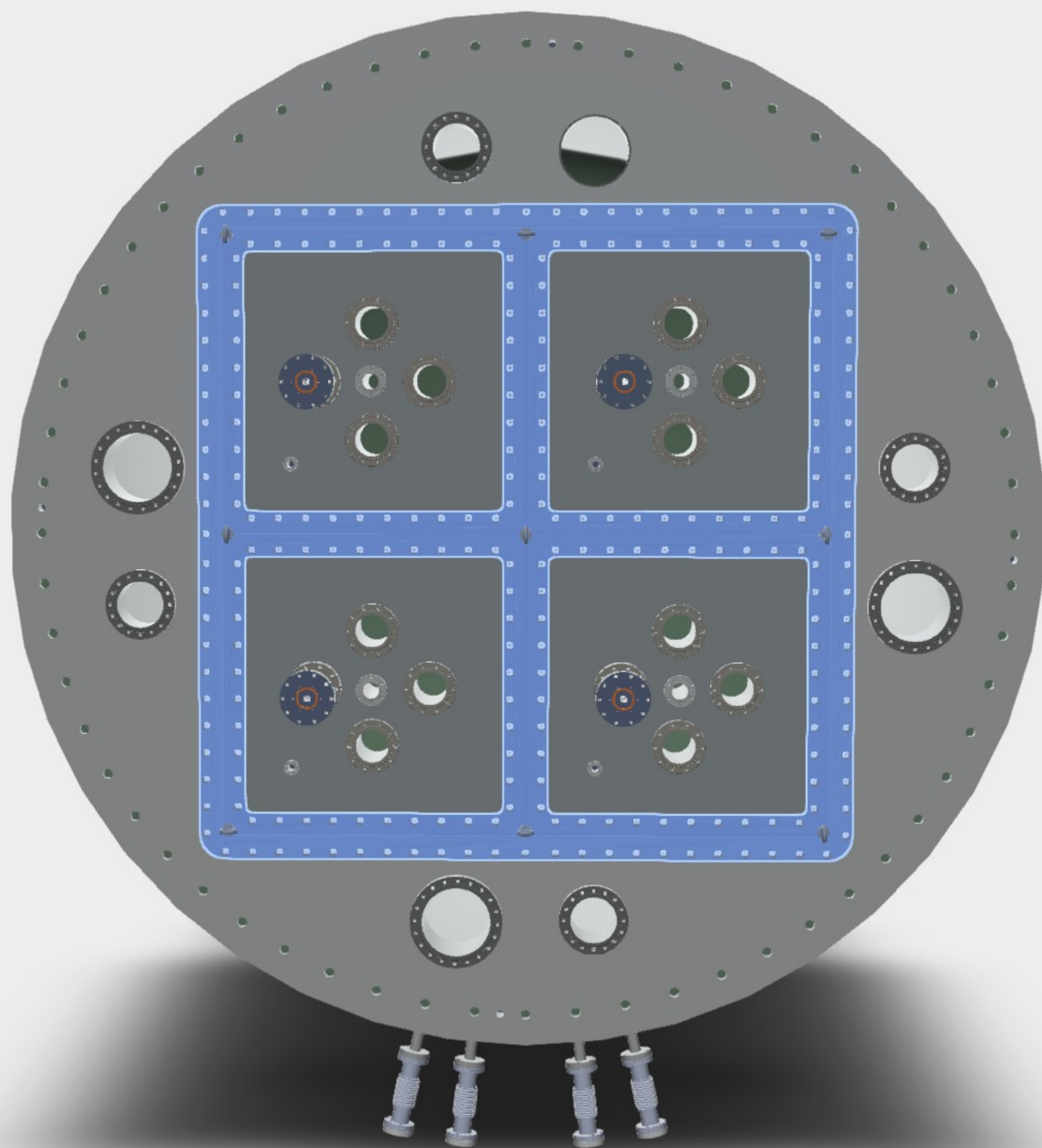
What operating pressure → which exhaust valve?

What pump configuration?

The cryostat and top flange will be delivered to FNAL in April.

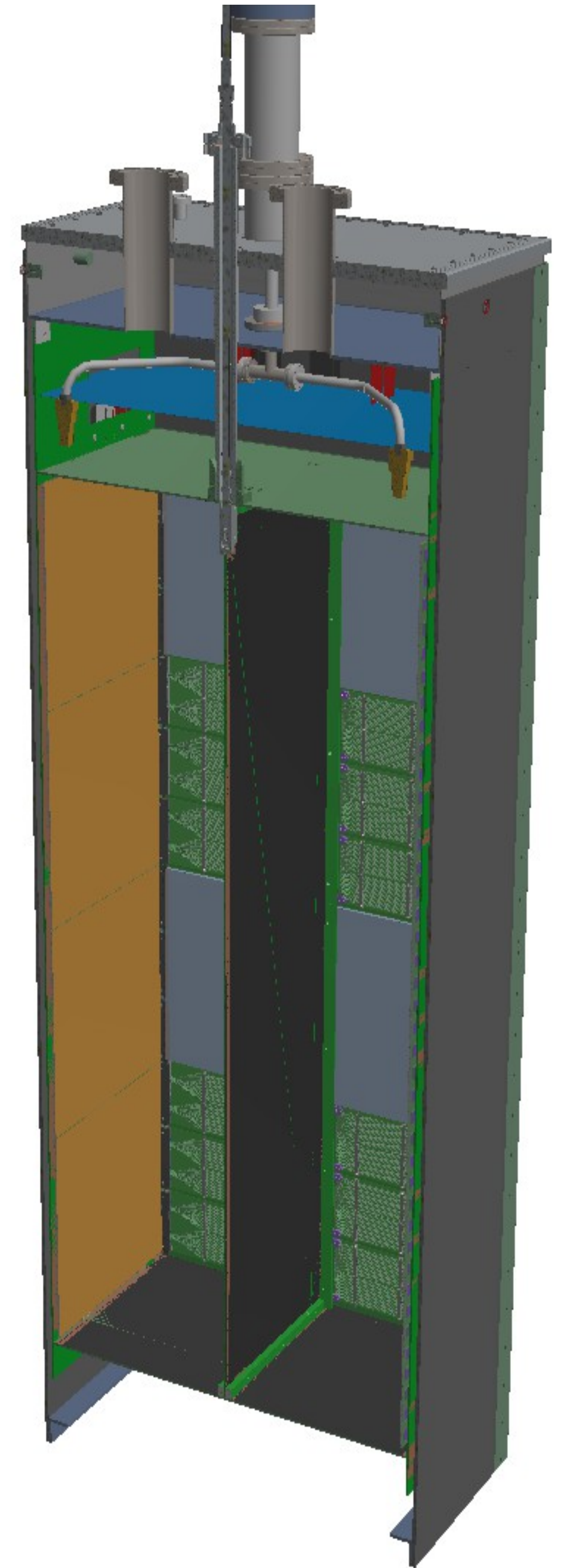
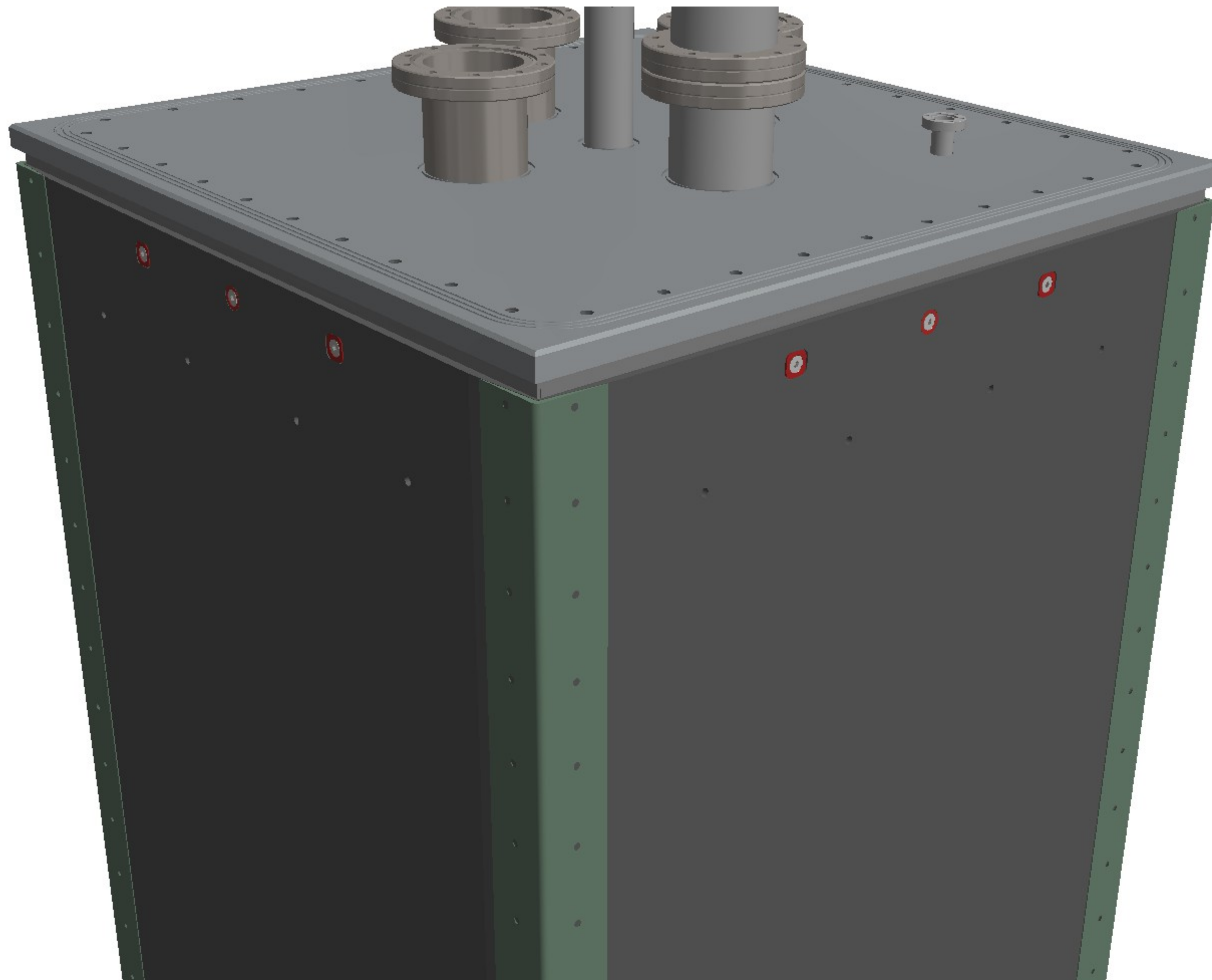


2x2 updates

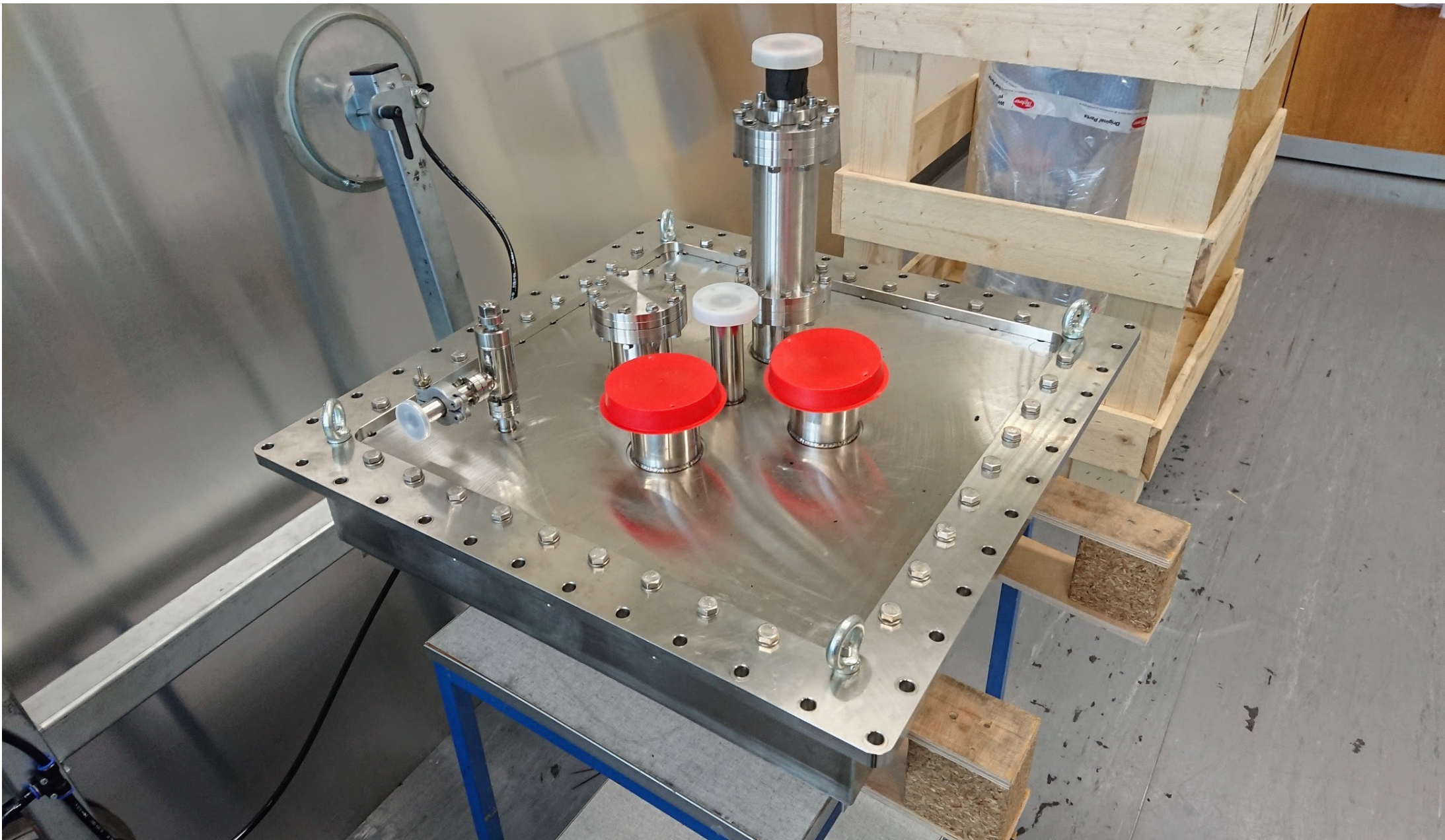


# Module Sleeve

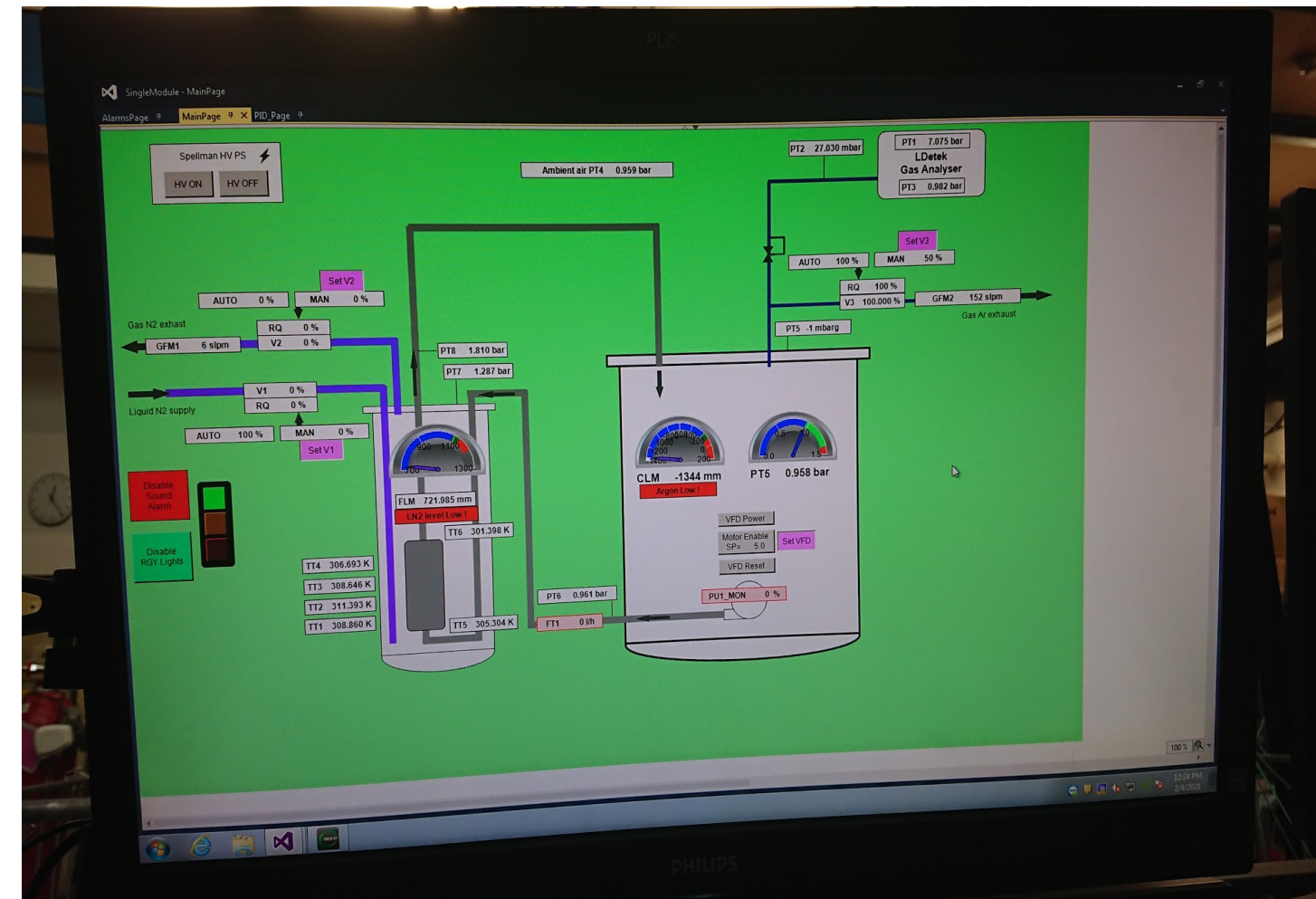
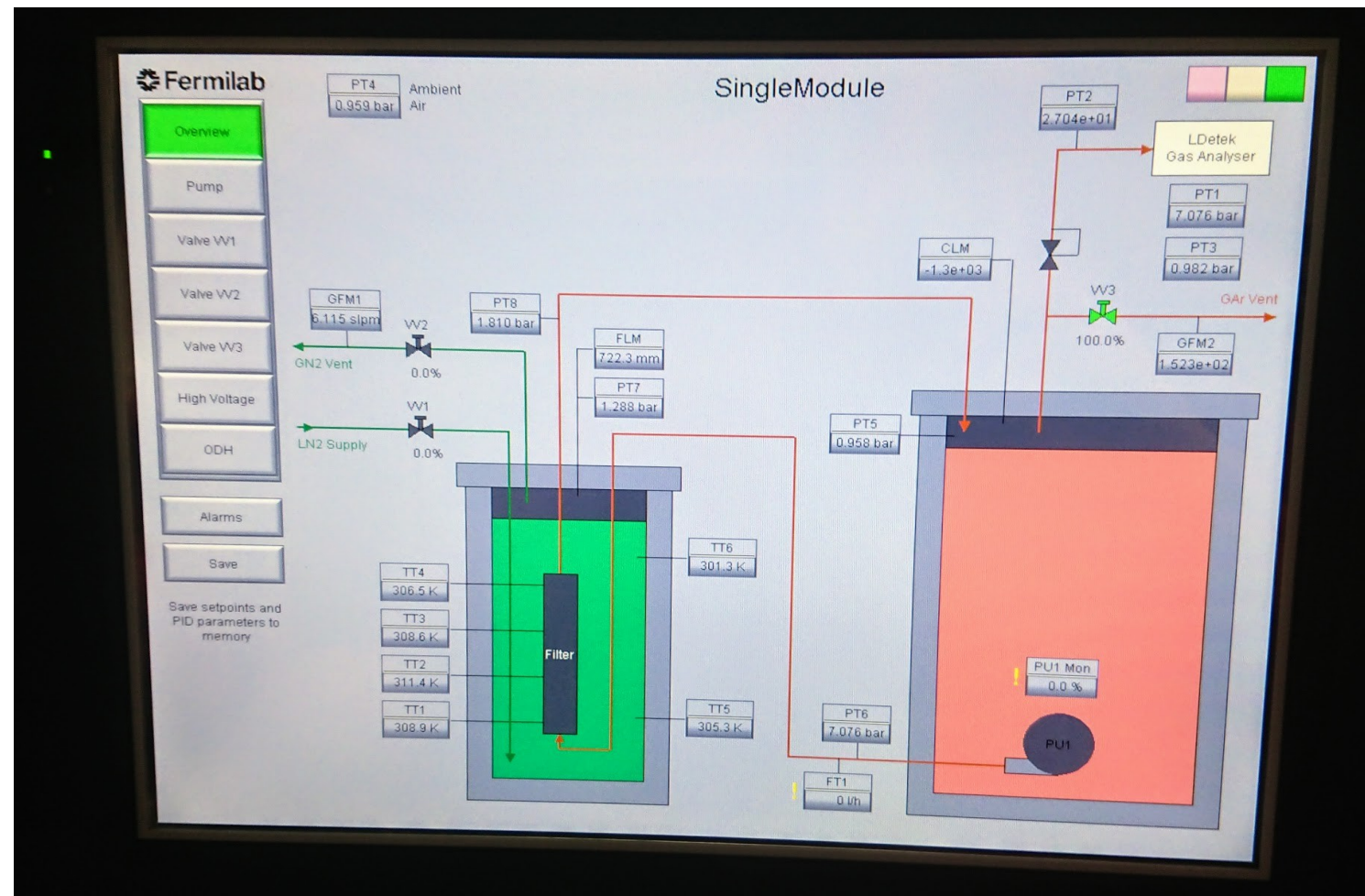
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# Module Sleeve



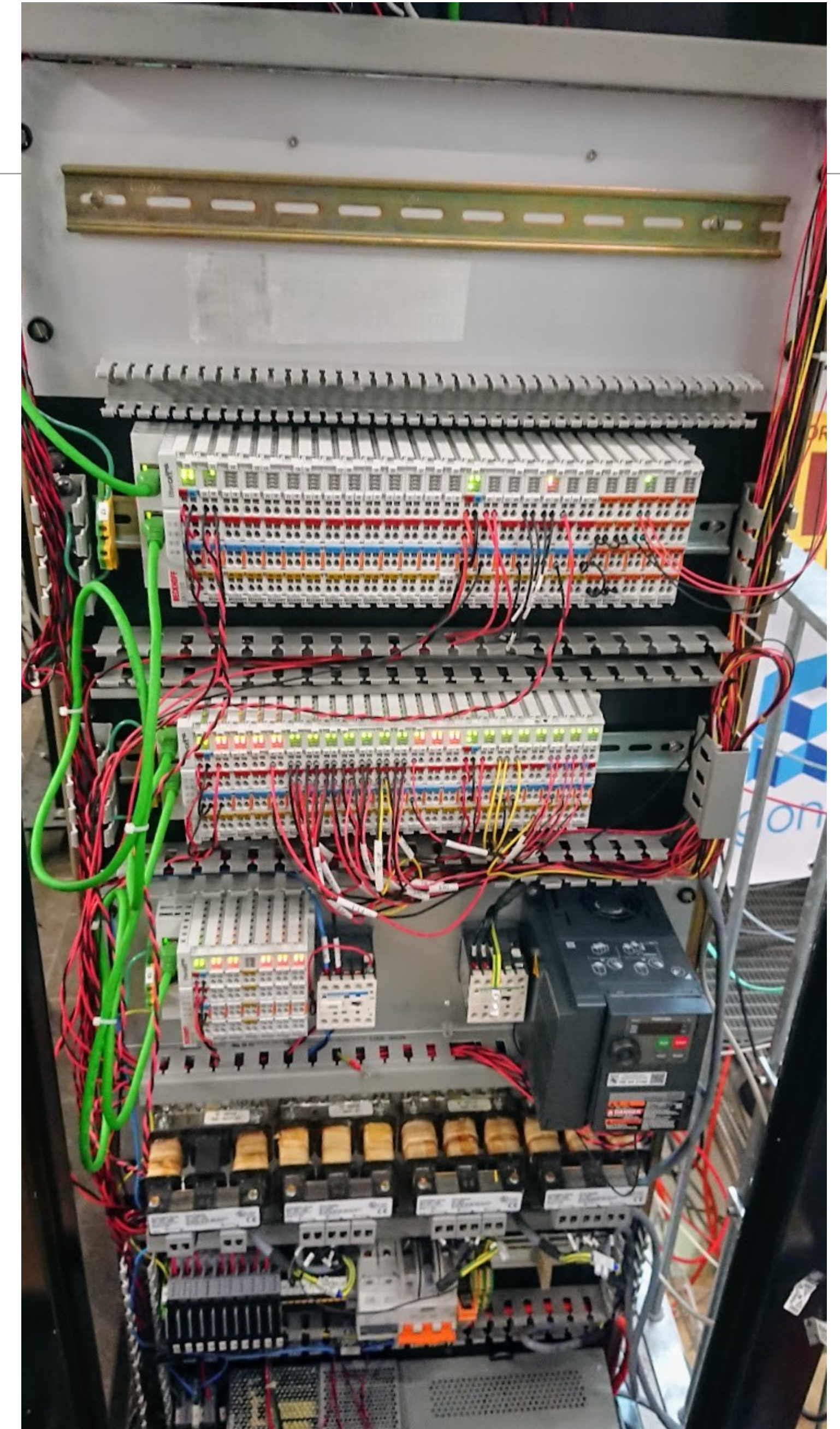
# PLC completion



Trevor & Igor have now finished the 2x2 PLC. PID loops for LAr and LN2 circuits are complete.

We are still waiting on temp transducers and and the final check out with all components in place.

This will see first use in the SingleModule test, then 2x2.



# New pump is ready to install

